



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/725,515	11/30/2000	Yoichi Kanai	200133US2	8910

22850 7590 02/04/2005

OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C.  
1940 DUKE STREET  
ALEXANDRIA, VA 22314

EXAMINER
----------

VU, THONG H

ART UNIT	PAPER NUMBER
----------	--------------

2142

DATE MAILED: 02/04/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

**Application No.**

09/725,515

**Applicant(s)**

KANAI ET AL.

**Examiner**

Thong H Vu

**Art Unit**

2142

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 09 November 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-55 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-55 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

Art Unit: 2142

1. Claims 1-54 are pending.
2. The ISD filed 9/17/2004 without form 1449. Correction requires.

***Response to Arguments***

3. Applicant's arguments with respect to claims 1-55 have been considered but are moot in view of the new ground(s) of rejection.

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-54 are rejected under 35 U.S.C. 102(e) as anticipated by or, in the alternative, under 35 U.S.C. § 103 as obvious over Perell et al [Perell 6,658,400 B2].

4. As per claim 27, Perell discloses a system for certifying at least existence of electronic information released on a network at a time and date, said network connecting one or more computer servers and a plurality of client computers [Perell, a certification system interactive to Internet, abstract; current date/time, col 22 lines 22-32], said system comprising:

an accessing device configured to access electronic information stored in a predetermined one of the plurality of client computers using information of its location from one of the computer servers based on a request from the one of the plurality of client computers [Perell, a personal information database, col 8 lines 16-29];

Art Unit: 2142

a copy device to copy the electronic information [Perell, copy and paste, col 15 lines 27-45];

an attribute information generating device configured to generate attribute information from at least the location [Perell, database and attributes, col 3 lines 4-13] and an access time and date when said step of accessing the electronic information is executed [Perell, date/time, col 25 line 15-col 26 line 18];

an electronic certificate generating device configured to generate an electronic certificate by uniquely specifying the electronic information and the attribute information [Perell, certified with date/time and user ID, col 26 lines 59-67];

an electronic certificate obtaining device configured to obtaining the electronic certificate [Perell, digital certificate, col 8 lines 4-15; print or download the certification, col 26 lines 59-67];

a storing device (i.e.: disk, memory) configured to store the copy of the electronic information [Perell, database, col 9 line 66-col 10 line 9].

4. Claims 30 and 53 contain the similar limitations set forth of apparatus claim 21. Therefore, claims 30 and 53 are rejected for the similar rationale set forth in claim 21.

5. As per claim 28, Perell discloses said storing device is provided in the one of the computer servers, and said electronic information is stored in said storing device by tying up (i.e.: manual) said electronic information with at least the electronic certificate

Art Unit: 2142

and the attribute information [Perell, the notices may manually generated, col 14 lines 21-30; print or download the certification, col 26 lines 59-67].

6. As per claim 29, Perell discloses said storing device is provided in the one of the client servers [Perell, DCVP database, col 9 line 65-col 10 line 9].

7. As per claim 31, Perell discloses a providing device configured to provide the electronic information together with the applicable electronic certificate and attribute information to the one of the client computers [Perell, database and attributes, col 3 lines 4-13].

8. As per claim 32, Perell discloses said electronic information is accessed a second of another computer servers [Perell, Internet, Fig 1].

9. As per claim 33, Perell discloses said electronic information is accessed at an interval [Perell, defined period, col 12 line 60-col 13 line 5].

10. As per claim 34, Perell discloses a link displaying device configured to display one or more links respectively representing the location of the electronic information [Perell, Web site base links, col 8 lines 16-29]; and an accessing device configured to allow a public (i.e.: Internet) to access the electronic information using an applicable

Art Unit: 2142

link, said access allowing device being provided in one of the plurality of client computers [Perell, Internet, Fig 1].

11. As per claim 35, Perell-Perell disclose said one of the plurality of client computers is a public computer [Perell, Internet, Fig 1].

12. As per claim 36, Perell discloses a detecting device configured to detect a change in contents of the electronic information; and a storing device configured to store, if the change is detected, the change in addition to the electronic information initially stored [Perell, monitor, col 7 lines 50-63; detect any changes, col 14 lines 42-48].

13. As per claims 37,38 Perell discloses a database generating device configured to generate a database from one or more electronic information stored in the storing device [Perell, database, col 5 line 57-col 6 line 25], said database being provided in one of the computers other than the one of the computer servers and a retrieving device configured to allow public retrieval of the electronic information, said retrieving device being provided in the one of the computers other than the one of the computer servers as a design choice.

14. As per claim 39, Perell discloses a storing device configured to store information indicating availability of retrieval of the electronic information via the network when the

Art Unit: 2142

electronic information can be retrieved, said storing device being provided in one of the plurality of client computers [Perell, database, col 5 line 57-col 6 line 25].

15. As per claim 40, Perell discloses said network includes an Internet [Perell, Internet, Fig 1].

16. As per claim 41, Perell discloses said electronic information includes a document described by a markup language generating a web page [Perell, web page , website, col 5 lines 54-65].

17. As per claim 42, Perell discloses said location information includes a uniform resource locator (URL) [Perell, URL, col 3 lines 29-39].

18. As per claim 43, Perell discloses said access condition (i.e.: access state) includes at least any one of an access source IP address of the one of the client computers and a number of access times [Perell, access state, col 9 lines 43-65].

19. As per claim 44, Perell discloses said electronic information is stored in the one of the client computers that makes said request [Perell, database, col 5 line 57-col 6 line 25].

Art Unit: 2142

20. As per claim 45, Perell discloses said electronic information is accessed at an optional time which an operator of the one of the client computer generating the request is not aware of [Perell, options, col 12 line 30 seq; col 18 line 60 seq].

21. As per claim 46, Perell discloses said electronic certificate is generated by a third computer other than the one of the computer servers as a design choice.

22. As per claim 47, Perell discloses said attribute information further includes at least any one of an electronic information displaying period of time [Perell, display view log, col 19 lines 35-45], the access source IP address, and a number of access times [Perell, how many times that set was used to access, col 17 lines 62-67].

23. As per claims 48,54 Perell discloses said uniquely specification is executed by calculating a hash value of both of the electronic information and the attribute information in a prescribed manner as inherent information identifying the electronic information, and assigning the hash value to the applicable electronic certificate [Perell, calculated by the DCVS system, col 27 lines 37-54].

24. As per claim 49, Perell discloses said access condition is designated by the one of the client computers when the request is made [Perell, access state, col 9 lines 43-65].



25. As per claim 50, Perell discloses a detecting device configured to detect if an object is included in the copy of the electronic information when the copy of the electronic information is provided to the one of the client computers [Perell, monitor, col 7 lines 50-63; detect any unauthorized account data/copy changes, col 14 lines 42-48]; and a changing device configured to change contents of the copy of the electronic information by describing a reference into the copy for the object to be viewed in the one of the client computers [Perell, editing or updates are needed, col 18 lines 1-14].

26. As per claim 51, Perell discloses said object is one of embedded inline in the electronic Information and referred to as an external resource [Perell, embedded information, col 22 lines 44-55].

27. As per claim 52, Perell discloses said electronic information is accessed either via the Internet or with a computer readable medium [Perell, Internet, Fig 1].

28. Claims 1-3 contain the similar limitations set forth of apparatus claims 27-29. Therefore, claims 1-3 are rejected for the similar rationale set forth in claims 27-29.

29. Claims 4-26 contain the similar limitations set forth of apparatus claims 30-52. Therefore, claims 4-26 are rejected for the similar rationale set forth in claims 30-52.

Art Unit: 2142

Any inquiry concerning this communication or earlier communications from the examiner should be directed to examiner Thong Vu, whose telephone number is (571)-272-3904. The examiner can normally be reached on Monday-Thursday from 8:00AM-4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, *Jack Harvey*, can be reached at (571) 272-3896. The fax number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval IPAIRI system. Status information for published applications may be obtained from either Private PMR or Public PMR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

*Thong Vu*  
*Patent Examiner*  
*Art Unit 2142*

A handwritten signature in black ink, appearing to read 'Thong Vu', with a horizontal line underneath.